



Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

May 2017
Volume 18
Issue 5

FOOD AND FUN AT THE ACARTS AND FWRC SPRING BANQUETS



April hath put a spirit of youth in everything. William Shakespeare

Spring is in the air so it must be time for the annual spring banquets.

ACART held it's annual spring banquet at Don Hall's Guest House in Fort Wayne last month on April 18.

More photos from the evening are on page 5.

Photos provided by Tom Rupp, KU8T.

A fun time was had by all at the FWRC's annual spring banquet held last month on April 21.

More photos from the banquet are on pages 3 and 8. Plus there are photos on the FWRC web page.

Photos provided by Al Burke, WB9SSE.



Also this month

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Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
	http://groups.yahoo.com/group/FWRC/
ACARTS:	http://www.acarts.com
Fort Wayne DX Association:	http://www.qsl.net/fwdxa/
ARES:	http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group:	http://groups.yahoo.com/group/IN_PACKET/

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at **AB9ZD(at)ARRL.NET**. Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is a few days before the end of the preceding month.

Hamsplatter

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN

PARROTT ROAD PROJECT UPDATE

The 146.340/.940 Yaesu Fusion repeater and the 442.99875/447.99875 D-STAR repeater are both installed and were operating from their new Parrott Rd. site. We are pleased with the operation and footprint of the D-STAR machine, but are not yet satisfied with the performance of the Fusion machine.



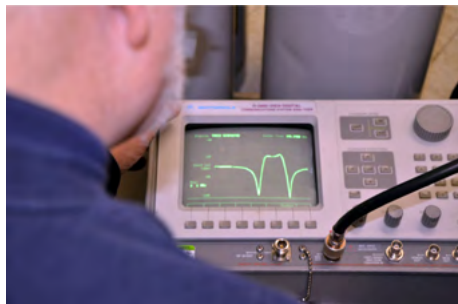
The Fusion machine can operate either in the conventional analog FM mode or in Yaesu's C4FM digital mode. At present its effective sensitivity while operating in the Parrott Rd. environment is about 20 dB shy of what we feel it should be. We are studying the cause of this issue and feel it is due to front end overload of the Fusion's (146.340 MHz) receiver due in part from the WLDE 101.7-FM broadcast signal whose tower we are on, and due in part

to the amount of isolation the duplexer is providing for the 146.940 MHz repeater output signal. Possible solutions to these problems may be to implement a narrowband filter centered at 146.340 MHz between the duplexer (receive) output and the receiver input, and increasing the duplexer isolation by adding a few more cavities.

In the interim we have replaced the Fusion system with the GE Master II that used to operate as the 146.340/.940 system at the Parkview Hospital site. The Master II features a six-cavity helical resonator front end system that provides exceptional selectivity and has significantly

improved the effective sensitivity operating at the Parrott Rd. site.

Al Burke, WB9SSE



May 12: To Be Announced.



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Unless otherwise scheduled, all meetings are held at 7:00 PM at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

FORT WAYNE RADIO CLUB SPRING BANQUET PHOTOS



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

The VHF/UHF FM Simplex Contest that was held on April 8th provided an enjoyable evening for many of the local hams. There was a lot of activity on the simplex frequencies, especially two meters for the three-hour duration. It gave many hams an opportunity to learn their simplex capabilities and new hams were able to discover that there is another part of the spectrum out there other than repeaters. The deadline for submission of logs was before the publication of this newsletter, so I hope that you have sent your logs in. The winners of each category will receive a certificate to be presented at a future ACARTS meeting. I know that many of you enjoyed participating and are looking forward to next year.

Another enjoyable evening was the ACARTS Spring Banquet that was held on April 18th at Hall's Guesthouse. The event attracted a group of 26 members and guests that partook in a couple of hours of good food and conversation.

As you all know, the May ACARTS meeting on the 16th will be presentation on the new GOES 16 weather satellite by Mark Tritch, KC9GUY. This will be held at



the Harris Corporation at Lima and Cook Roads and will include a tour of the Harris Corporation lab facilities. Because of Harris security requirements, a list of those members wishing to attend had to be turned in by April 30th, so, if you have not submitted your request, it is too late by the time that you read this and you will not be permitted to attend. It will be a very informative presentation for those that are attending. Thanks to Joseph, K9RFZ, for making the arrangements.

73,

Dave Lindquist, W9LKH

President

FORT WAYNE HAMFEST
& Computer Expo
45th Year

Allen County War Memorial Coliseum
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. all indoors
(Coliseum Parking \$5 per vehicle)
Admission: \$6 Sat & Sun
\$3 Sun only
Children under 12 free (with adult)

NOV 18&19 2017
SAT 9 AM to 4 PM
SUN 9 AM to 2 PM

- 2017 ARRL IN State Convention
- WAS & DXCC Checking
- New & Used Ham Dealers
- Main & Hourly Prizes
- Equipment Check-out table
- Talk-in 146.880-
- Forums Sat only (see the website)
- Tables: \$25 Regular (8ft)
- \$50 Premium (8ft)
- \$30 Electricity

Ham Radio License Testing (\$14)
9 AM till 12 PM Saturday

Get the latest information at
www.fortwaynehamfest.com



May 16: The May meeting on the 16th will be a presentation on the GOES 16 weather satellite by Mark Tritch, KC9GUY, and will be held at the Harris Corporation at Lima and Cook Roads, and will include a tour of the Harris labs. Requests to attend had to be made by April 30th.

Unless otherwise scheduled, all General meetings are held at 7:00 PM at the Red Cross Center, 1212 E California Rd, Fort Wayne, IN. Board meeting are held at the Salvation Army Facility.

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ACARTS APRIL 2017 BOARD MEETING MINUTES

Meeting was called to order by Dave, W9LKH at 7:00 PM

Spring banquet is on April 18, 2017. So far, we have 17 reservations.

May meeting speaker is Mark, KC9GUY will be discussing the GOES-16 weather satellite. There will be no General meeting in April due to the Spring banquet.

Saturday April 22, 2017 is the 13th Annual North Central Indiana Hamfest at Peru, IN from 8:00 AM to 1:00 PM.

FM repeater contest was successful and presentation of certificates will be

handed out at the May 16, 2017 General Meeting at the Red Cross.

Report from Jim, KB9IH on our November Hamfest. Steering committee is still in progress. Jim is still working on his computer issues.

We are continuing to work out the logistics of room we use for our General meetings at the Red Cross on how to best use the room for presentations.

Discussion was given about taking a field trip to Fort Wayne Astronomical Society for a Saturday night stargaz-

ing. Information on this club is at www.fortwayneastronomicalsociety.com. Jim, KB9IH is in the process of building a magnet loop antenna tuned for 160 meters.

Motion to adjourn made by Bernie, K9JDF. Meeting ended at 7:50 PM

Respectfully submitted, TJ, W9QHY secretary.

NOTE: At this time, the board meetings will still be held at the Salvation Army Center, 2901 N. Clinton Street, Fort Wayne, IN at 7:00 PM.

ACARTS SPRING BANQUET PHOTOS



2017 INDIANAPOLIS MOTOR SPEEDWAY SPECIAL EVENT STATION

Operator Schedule

- The Grand Prix of Indianapolis - **May 7-13**
- Indianapolis 500 - **May 22-28**
- Brickyard 400 - **July 17-23**

Frequencies

W9IMS will operate on or near:

1.840, 3.840, 7.245, 10.140, 14.070 PSK31, 14.245, 18.140, 21.350, 28.340, 50.140, 144.205, 144.240 SSB and 146.52 simplex FM. Watch for spots at sites such as [DX Summit](http://DXSummit.com).

QSL Info

We send the cards out as soon as possible after each event, but it is a huge task. They have to be designed, approved, printed, and shipped to us first. Then, we need to fill them in. With over 18,000 QSOs a year, that's a lot of cards. We finish all the QSL cards before we start making out the certificates. Typically we start mailing out certificates in mid November.

With your donations we will again have a unique full-color two-sided card for each of the three races.

A high-quality photo certificate will be available for working all three races in the same year.

The cost for printing the certificates and the cards comes from your donations and out of our own pockets. We are NOT supported by the Speedway.

For direct QSL requests, we must insist on an SASE with your QSL card containing the date, time, band, mode, and report of the QSO. NO SASE, NO W9IMS CARD - NO EXCEPTION.

To apply for a certificate, please send \$5 and the QSO data for all three events that you worked!

For more info:

<http://w9ims.org/>



Carl Luetzelschwab, K9LA

My last update on Cycle 24 was in the November 2015 FWDXA column. Thus it's time for another update on Cycle 24, with comments about Cycle 25 per some recent data.

The accompanying plot shows the smoothed sunspot number for Cycle 24 (remember the smoothed sunspot number is six months behind the latest monthly data). It's pretty obvious that we're well down the descending phase of Cycle 24 and pretty much on target for solar minimum around 2020.

Note that the smoothed sunspot numbers are in terms of the Version 2.0 data as annotated at the top of the plot. In July 2015, the Royal Observatory of Belgium (the official sunspot record keeper) began publishing Version 2.0 data after an extensive review of the old sunspot data (now called Version 1.0). For more details on this, check out my article titled "The New Sunspot Numbers" starting on page 38 of the October 2016 issue of *QST*.

CYCLE 24 AND CYCLE 25

I've included Cycles 19 through 23 on the plot to show how small Cycle 24 is. It's even smaller than Cycle 20, which was quite a letdown after Cycle 19. But in spite of their small magnitude, Cycle 20 and Cycle 24 did have great worldwide F2 openings on the higher bands for a couple years near solar maximum (and even worldwide 6-Meter F2 openings!).

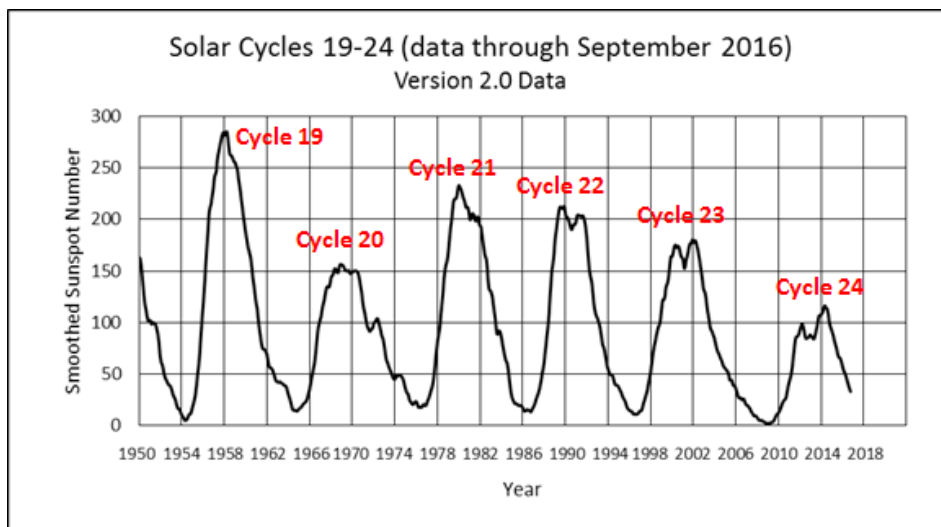
Some good news is that we've already seen the first sunspot of Cycle 25. It occurred on December 20, 2016 in the southern solar hemisphere. We can tell it's from Cycle 25 as it emerged at a relatively high solar latitude (sunspots from Cycle 24 are now emerging near the solar equator) and it was of opposite polarity compared to Cycle 24 sunspots in the southern solar hemisphere (magnetograms of the Sun give us this information). For more details on this event, read the How's DX column (edited by Bernie W3UR) in the April 2017 issue of *QST*.

As for Cycle 25's magnitude, most solar scientists believe Cycle 25 will be a small cycle – kind of similar to Cycle 24. But there is some evidence that it may be bigger. That evidence is in a presentation given by Dr. Leif Svalgaard (Stanford University) in August 2016. This presentation was referenced in the March 17, 2017 ARRL Propagation Bulletin (edited by Tad K7RA). This presentation is available at <http://www.leif.org/research/Prediction-of-Solar-Cycles.pdf>. I should point out that there is much interesting solar information at <http://www.leif.org/research>.

I should also point out that this presentation is essentially an update from a 1978 technical article. The thrust of this presentation is the premise that the Sun's polar field strength near a solar minimum is closely related to the following cycle's solar activity. The Wilcox Solar Observatory at Stanford makes daily measurements of the strength of the Sun's magnetic field near the north and south poles.

There's much data in this presentation, and the bottom line is on slide 24. Dr. Svalgaard says *"The south polar fields have now stabilized while the north polar fields are still increasing, with more flux [arrows] in the pipeline on its way to the pole. If this holds up, cycle 25 might be stronger than SC24"*. Realizing that our solar predictions aren't the most accurate, on the next slide (slide 25) Dr. Svalgaard says *"Preliminarily it looks like a repeat of Cycle 24, or at least not any smaller"*. Slide 26 gives a nice summary of all the predictions for Cycle 24. Many people missed by a whole bunch!

The most accurate method to assess the magnitude of Cycle 25 is to wait and see what happens. We should have a pretty good idea after the forthcoming solar minimum, as the duration of solar minimum also appears to give us a hint of the magnitude of the next cycle. A long duration solar minimum period between Cycles 24 and 25 will likely point to another small cycle.



EXPERIMENTAL NWS ENHANCED DATA DISPLAY IS USEFUL TOOL FOR STORM SPOTTERS

By Jay Farlow, W9LW

The National Weather Service (NWS) is developing a web application that displays radar data and other information on a map. The Enhanced Data Display (EDD) can be a useful tool for SKYWARN storm spotters, especially those who do not have a radar program like Gibson Ridge's GRLevel3.

EDD can display standard radar base reflectivity data (that common radar image that shows where the rain is and how heavy it is). It can also show velocity products, that show potential rotation in storms.

EDD can also geographically display a large number of NWS products, including convective outlooks, mesoscale discussions, watches and warnings. Once you display any of these products, you can zoom in to specific areas of interest. This can be useful, for example, if you want to learn whether your home is under a level 1 (marginal) or level 2 (slight) risk in a con-



vective outlook, or whether your home is inside or outside a tornado warning polygon.

You can also optionally choose to add layers for features such as county lines, NWS county warning area lines, etc.

You can access EDD at <http://preview.weather.gov/edd/>. Because the application has so many available features, I highly recommend accessing the on-

line user guide as well, at http://preview.weather.gov/edd/resource/edd/users-guide/EDD_Guide.pdf

Although the application is officially still experimental (which means it might not always work as expected), it's open to the public and available for you to try. I recommend playing around with it to see how it could help you with your situational awareness.

DON'T FORGET - MAY 6TH IS THE INDIANA QSO PARTY

by Jim Rinehart, K9RU

The Indiana QSO Party is a great opportunity to get on the air, have some fun and promote Indiana. The club competition encourages competition between Indiana clubs and can be a club membership operating activity. It is usually one of the first nice weekends of the year, so you can go out mobile and put a few counties on the air.

The purpose of the Indiana QSO Party (INQP) is to encourage contact with Indiana amateur radio stations by other Indiana hams and hams worldwide. Stations outside of Indiana work Indiana stations only. Indiana stations work everybody, including other Indiana stations.

The INQP starts at 1500 UTC Saturday and ends at 0300 UTC Sunday May 6-7. (Saturday 11am to 11pm EDT or 10am to 10pm CDT.) All stations may operate the full 12-hour period.



Indiana Section
American Radio
Relay League

Entry Categories: Single-operator (High Power, Low Power or QRP), Multi-operator single transmitter (Multi-Single), Mobile, Portable and Rover.

There one important change this year: The county name abbreviations have changed. The intent is that the new abbreviations will be more compatible with the other QSO Parties that occur at the same time as INQP.

There is an INQP Activity Map for station planning to be on for the INQP, so if you plan to be on you can list your call,

county on the email reflector (inqp@ya-hoogroups.com). You can see what others have planned on the Activity Map.

You are invited to join the INQP reflector. Post your questions about the INQP, make suggestions for next year, or just jump in the general discussion with other participants and the organizers.

For full details about the contest, awards, club competition, and log submissions, please see:

<http://www.hdxcc.org/inqp/rules.html>

Please turn in your logs with the club affiliation Fort Wayne Radio Club, to bolster the club's score.

Also check out the newsletters of the Indiana Section of the ARRL available at:

<http://www.inarrl.org/index.php/indiana-section/newsletter/category/2-newsletter>

APRIL FOXHUNT RESULTS

Call	Score This Month	Year to Date
WB9RUS	3	3
WB9SSE	4	6
K9OMA	3	5
KA9YYI	3	3
KC9MUT	6	14.67
KC9EZP	6	13.67
W9SAN	0	2
W9LAN	0	2
Alex	0	2
KB9DOS	0	0
KB9DOT	0	0
AB9IZ	0	0
KC9UOQ	2	9.33
KK4QXC	2	8.33
KD9GDY	0	0
KD9GDX	0	0
K9LI	2	4

Special Event Stations This Month

National Train Day

May 13 1300Z-2359Z K5T

<http://www.fsaarc.org/>

90th Anniversary- Lindbergh's Flight

May 20 1300Z-2000Z K2CAM

<https://www.limarc.org/>

For a complete listing of special event stations, check the listing in QST and the ARRL web page:

www.arrl.org/special-event-stations

Silent Key

EUGENE A. FISHER, W9MZH

Eugene A. Fisher, 82, of Fort Wayne passed away on Tuesday, April 11, 2017.



One of his great passions was belonging to the Fort Wayne Radio Club and the many things it involved, having the call sign, W9MZH.

[Click for the Complete Obituary](#)

2017 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2017. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

May 7
June 4
July 9
August 6
September 10
October 1
November 5

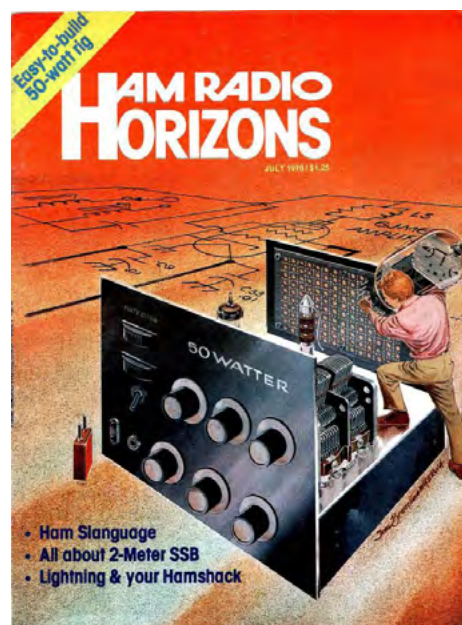
VINTAGE HAM RADIO HORIZONS MAGAZINE NOW AVAILABLE IN DIGITAL FORMAT

Remember *Ham Radio Horizons* magazine? The vintage amateur radio magazine has been archived for posterity and the issues can be viewed online or downloaded for free.

The magazine, targeted at newcomers, was published by Communications Technology, Inc. who also produced Ham Radio magazine. It ran from March 1977 to 1981 when it was incorporated into Ham Radio magazine which in turn ceased publication in 1990.

Check it out at:

<https://archive.org/details/hamradiohorizons>



A Couple More Photos from the FWRC Spring Banquet



HAMVENTION 2017 - MAY 19, 20 AND 21, 2017

Hamvention will be held May 19, 20 and 21, 2017 at the Greene County Fairgrounds and Expo Center.

The entire staff of Hamvention volunteers is working hard behind the scenes to make 2017 a year to remember as we complete *the transition from the old Hara Arena location to Hamvention's new home at the Greene County Fairgrounds and Exposition Center.*

A complete list of Hamvention forums can be found at <http://hamvention.org>.



The ARRL EXPO is a large exhibit area that will be located in Building 2 at the Greene County Fairgrounds and Expo Center, 120 Fairground Road, Xenia, Ohio. For a description of the ARRL sponsored forums and activities:

<http://www.arrl.org/arrl-expo>

Or download a PDF at:

<http://www.arrl.org/files/file/DAY-TON%202017%20Program%20.pdf>

LOOKS LIKE JUNE IS GOING TO BE A BUSY MONTH AGAIN FOR ARRL CONTESTS

Get out your calendar and mark it with the following ARRL events. It isn't too soon to do a little bit of planning and preparation. It will be here before you know it.

VHF QSO Party

June VHF QSO Party is planned for the weekend of June 10-12.

Kid's Day

The June Kid's Day will be on June 18.

Field Day 2017

The largest annual on-air event in all of Amateur Radio returns June 24th -25th, 2017! Take to the hills this June and op-



erate with solar power, from batteries or a generator and see how many contacts you can make. Help show off Amateur Radio to your local media and raise visibility of what we do! Download your 2017 Field Day Packet, post your club's station location on the Field Day Locator, and get ready for some fun that only Field Day can provide!

Stay connected with Field Day news via FaceBook and Twitter with the hash

tag #ARRLFD. Complete rules, Field Day Packet and a link to the Station Locator is all at:

<http://www.arrl.org/field-day>

The ARRL has set up a Facebook page for Field Day at:

<https://www.facebook.com/events/1753742661610196/>

The ARRL also has a Facebook page at:

<https://www.facebook.com/ARRL.org/>

ICOM "HAMS TO JAPAN" CONTEST AND A NEW D-STAR TRANSCEIVER IS NOW AVAILABLE

The first *Hams to Japan* radio drawing will be held May 20th, 2017, live at Dayton Hamvention. You do not need to present to win. All weekly entries will be included in the Grand Prize drawing in July.

Win an Icom Radio

Enter weekly for your chance to win an Icom radio. There will be seven drawings for Icom amateur radios. Drawings will be held during selected weeks. Winning a radio DOES NOT make you ineligible for the grand prize. See rules for details.

Grand Prize Trip to Japan

Win a trip for two to Japan for the Tokyo Hamfair, September 2nd and 3rd! All eligible entries will be included in the grand prize drawing. The drawing will be



held July 17th, 2017. The runner up will receive an Icom 7300.

Grand Prize Includes:

- Two tickets to Tokyo Hamfair
- Two round-trip flights to Tokyo, Japan
- Three nights accommodations in Tokyo, Japan

The runner up will receive an Icom 7300.

<http://www.icomamerica.com/en/amateur/h2ja/default.aspx>

Icom ID-4100A Now Available

Adventure awaits with the new Icom ID-4100A VHF/UHF Dual Band Transceiver. A D-STAR transceiver with an intuitive interface and full dot-matrix display. The ID-4100A offers a variety of operating modes. Access the D-STAR repeater network via the internet, regardless of location or conditions, with Terminal Mode or Access Point Mode. For more info:

<http://www.icomamerica.com/en/products/amateur/dstar/id4100a/default.aspx>



CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contests include:

ARRL Contest Corral Web page www.arrl.org/contests

ARRL's National Contest Journal www.arrl.org/ncj

ARRL Contest Update www.arrl.org/contest-update-issues

Contesting On-Line www.contesting.com

WA7BNM Contest Calendar www.hornucopia.com/contestcal/

DXNews <http://dxnews.com>

DX Zone Contesting www.dxzone.com/catalog/Contesting/

ARRL Contest Calendar www.arrl.org/contest-calendar

INDIANA QSO PARTY			DELAWARE QSO PARTY			NEW ENGLAND QSO PARTY		
MAY 6, 1500Z		MAY 7, 0300Z	MAY 6, 1700Z		MAY 7, 2359Z	MAY 6, 2000Z		MAY 7, 2359Z
1.8-28	-	PHONE, CW	1.8-28	50,144	PHONE, CW	3.5-28	-	PHONE, CW, DIGITAL
RS(T), COUNTY OR SPC			RS(T), COUNTY OR SPC			W1: RS(T), COUNTY, STATE. OTHERS: RS(T), SPC		
www.hdxcc.org/inqp/rules.html			www.fsarc.org/qsoparty/qsohome.htm			www.neqp.org/rules.html		
ARKANSAS QSO PARTY			NAQCC CW SPRINT			4 STATES QRP GROUP 2ND SUNDAY SPRINT		
MAY 13, 1400Z		MAY 14, 0200Z	MAY 11, 0030Z		MAY 11, 0230Z	MAY 15, 0000Z		MAY 15, 0200Z
3.5-28	144	PHONE, CW, DIGITAL	3.5-14	-	CW	1.8-28	-	PHONE, CW
RS(T), COUNTY OR SPC			RST, SPC, MBR OR POWER			RS(T), SPC, MBR OR POWER		
www.arkqp.com/			http://naqcc.info/			www.4sqr.com/index.php		
SKCC SPRINT			RSGB 80-METER CLUB CHAMPIONSHIP, CW			CQ WW WPX CONTEST, CW		
MAY 24, 0000Z		MAY 24, 0200Z	MAY 25, 1900Z		MAY 25, 2030Z	MAY 27, 0000Z		MAY 28, 2359Z
1.8-28	-	CW	3.5	-	CW	1.8-28	-	CW
RST, SPC, NAME, MBR OR POWER			RST, SERIAL			RST, SERIAL		
www.skccgroup.com/			www.rsgbcc.org/hf/			www.cqwp.com/		

ACARTS (W9INX) REPEATERS			FWRC (W9TE) REPEATERS			OTHER AREA REPEATERS			
Freq/Offset	Input Tone		Freq/Offset	Input Tone		Call	Freq/ Offset	Input Tone	
146.880 (-)	No tone	General use / Skywarn priority	146.760 (-)	No tone	General use (Note 1)	W9FEZ	145.330 (-)	No tone	Fort Wayne
147.255 (+)	No tone	General use	146.910 (-)	No tone	General use (Notes 1 and 4)	W9FEZ	224.780 (-)	No tone	Fort Wayne (Note 1)
443.800 (+)	No tone	General use	146.940 (-)	141.3 Hz required	General use (Notes 1 and 3)	W9FEZ	444.800 (+)	No tone	Fort Wayne (Note 1)
144.390 (s)	Digital	APRS - wide	444.875 (+)	141.3 Hz required	General use (Note 1)	K9MMQ	443.100 (+)	N/A	Fort Wayne, DMR
145.530 (s)	Digital	W9INX-1 Digipeater and Node	442.99375	D-STAR	General use (Note 2)	K9MMQ	443.275 (+)	141.3 Hz required	Fort Wayne
Notes: General Note: Standard 0.6 MHz (2-meter), 1.6 MHz (1.25-meter) and 5.0 MHz (70-cm) frequency offsets are used for all repeaters unless otherwise indicated.			Notes: 1. 141.3 Hz output tone present 2. Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G 3. Yaesu System Fusion repeater, supports both FM (analog) and C4FM (digital) voice 4. EchoLink connection repeater Node number 519521			N9MTF	442.6375 (+)	N/A	Fort Wayne, DMR
						W9AVW	444.250 (+)	141.3 Hz required	Fort Wayne
						W9OU	147.015 (+)	No tone	Auburn
						WC9AR	145.270 (-)	131.8 Hz required	Columbia City
						WC9AR	444.550 (+)	131.8 Hz required	Columbia City
						K9HC	146.685 (-)	141.3 Hz required	Huntington
						N9BCP	147.150 (+)	97.4 Hz required	Ligonier
						Notes: 1. 141.3 Hz output tone present			

Articles, photographs, and classified ads for publication in the Allen County HamNews should be emailed to the newsletter editor at [AB9ZD\(at\)ARRL.NET](mailto:AB9ZD(at)ARRL.NET) several days before the first of the month. If you notice information that needs changed, please contact the newsletter editor by email.

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 10.

Membership Application for ☐ ACARTS OR ☐ FWRC

Name: _____ Call sign: _____ License class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ - _____ Phone #: (____) _____ - _____ Unlisted? ☐ Yes
 Email address: _____ ARRL Member? ☐ Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$25.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year
 Additional family members¹ ☐ \$6.00 / year
 Student membership² ☐ \$6.00 / year
 Associate membership³ ☐ \$6.00 / year
 (New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership ☐ \$20.00 / year
 Family membership¹ ☐ \$30.00 / year
 Student membership² ☐ \$5.00 / year
 Associate membership³ ☐ \$20.00 / year
 Mailed newsletter premium ☐ \$25.00 / year
 (Memberships for Jul - Dec are 1/2 the stated amounts.)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. Unlicensed member

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS

PO Box 10342

Fort Wayne, IN 46851-0342

Fort Wayne Radio Club.

PO Box 15127

Fort Wayne, IN 46885-5127

For dual membership, send a check to each club for your respective membership. Payment by check is strongly encouraged!

Classified Ads

Items for Sale

Want to Buy



If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at **AB9ZD(at)ARRL.NET**.

JUST A REMINDER OF THE TWO 6-METER NETS

On Tuesday nights, the 6-meter net meets on 50.580 MHz SSB - USB at 8:00 PM local time (EDT).

On Thursday nights, the 6-meter net also meets on 50.580 MHz AM at 8:00 PM local time (EDT).

AREA NETS

Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	50.580 USB	FWRC 6 Meter Net
8:30 AM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net
6:00 PM	3.940	Daily Indiana Traffic Net	Wednesday		
6:30 PM	146.880-	IMO (alternate is 146.760)	7:00 PM	146.760-	FWRCYL Net
7:00 PM	147.015+	Tri State Two Meter Net	7:30 PM	147.150+	21 Repeater Group
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270-	Whitley Co. ARES (131.8 PL disabled)
Week Days			9:00 PM	146.940-	Help and Swap Net
8:30 AM	3.820	Little Red Barn Net	Thursday		
Sunday			7:30 PM	D-STAR	Indiana D-STAR net (Note 3)
8:00 PM	444.550+	Whitley Co. Sunday (131.8 PL)	8:00 PM	50.580 AM	6 Meter AM Net
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:30 PM	145.510 (s)	Allen County ARES Digital Operations Team Training Net (Note 4)
9:00 PM	145.530	Northeast Indiana Packet Net (Note 2)	Saturday		
Monday			8:00 PM	146.685-	Huntington ARES
8:00 PM	224.780-	Fort Wayne 224 Net			

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at AB9ZD (at) ARRL.NET.**

2. On 145.530 @ 1200 baud. Use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.

3. 1st and 3rd Thursday, Reflector REF024B.

4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.

5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/index.php/public-service/indiana-nts>

To:

Activities Calendar



Date	Time	Event	Place
05/02/2017	7:00 PM	FWRC Board Meeting	GSUMC
05/07/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
05/09/2017	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
05/12/2017	7:00 PM	FWRC General Meeting	GSUMC
05/16/2017	7:00 PM	ACARTS General Meeting	Harris Corp.
06/04/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
06/06/2017	7:00 PM	FWRC Board Meeting	GSUMC
06/13/2017	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
06/16/2017	7:00 PM	FWRC General Meeting	GSUMC
06/20/2017	7:00 PM	ACARTS General Meeting	American Red Cross
11/18/2017		Fort Wayne Hamfest and Computer Expo	
11/19/2017		Fort Wayne Hamfest and Computer Expo	